

**§ 524.1662b**

spread the hairs to allow the medication to contact the skin surface. Relief may be noted following the first or second treatment; however, treatment should not be discontinued too soon after the initial favorable response has been obtained.

(3) Keep away from eyes or other mucous membranes; avoid inhaling; use with adequate ventilation; in case of deep or puncture wounds or serious burns, consult a veterinarian.

**§ 524.1662b Oxytetracycline hydrochloride, polymyxin B sulfate ophthalmic ointment.**

(a) *Specifications.* Each gram of the ointment contains oxytetracycline hydrochloride equivalent to 5 milligrams of oxytetracycline and 10,000 units of polymyxin B sulfate.

(b) *Sponsor.* See No. 000069 in § 510.600(c) of this chapter.

(c) *Conditions of use.* (1) The drug is used for the prophylaxis and local treatment of superficial ocular infections due to oxytetracycline- and polymyxin-sensitive organisms. These infections include the following: Ocular infections due to streptococci, rickettsiae, *E. coli*, and *A. aerogenes* (such as conjunctivitis, keratitis, pink-eye, corneal ulcer, and blepharitis in dogs, cats, cattle, sheep, and horses); ocular infections due to secondary bacterial complications associated with distemper in dogs; and ocular infections due to bacterial inflammatory conditions which may occur secondary to other infectious diseases in dogs, cats, cattle, sheep, and horses.

(2) It is administered topically to the eye two to four times daily.

(3) Allergic reactions may occasionally occur. Treatment should be discontinued if reactions are severe. If new infections due to nonsensitive bacteria or fungi appear during therapy, appropriate measures should be taken.

**§ 524.1742 N-(Mercaptomethyl) phthalimide S-(O,O-dimethyl phosphorodithioate) emulsifiable liquid.**

(a) *Specifications.* The emulsifiable liquid contains 11.6 percent N-(mercaptomethyl) phthalimide S-(O,O-dimethyl phosphorodithioate).

(b) *Sponsor.* See No. 000061 in § 510.600(c) of this chapter.

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(c) *Conditions of use*—(1) *Methods of application.* Methods of application to control the following conditions on beef cattle:

To control/method of use	Dilution rate (gal. drug: gal. of water)
Grubs:	
Dip .....	1:60
Pour-on .....	1:2
Spray .....	1:49
Lice:	
Dip .....	1:60
Pour-on .....	1:2 or 1:5
Spray .....	1:49 or 1:100
Hornflies:	
Dip .....	1:60
Spray .....	1:49 or 1:100
Cattle Ticks:	
Dip .....	1:60 or 1:240
Spray .....	1:49
Southern cattle ticks:	
Dip .....	1:60 or 1:240
Spray .....	1:49
Scabies mites:	
Dip .....	1:60
Lone Star Ticks:	
Dip .....	1:60
Spray .....	1:49 or 1:100

(i) *Dip vat procedure.* (a) Prior to charging vat, empty old contents and thoroughly clean the vat. Dip vats should be calibrated to maintain an accurate dilution. Add water, then drug to the vat according to the dilution rate indicated in the table. Add super phosphate at a rate of 100 pounds per 1,000 gallons of vat solution. Super phosphate is added to control the pH of the solution and ensure vat stability. Super phosphate is usually available at most fertilizer dealers as 0-45-0 or 0-46-0. Stir the dip thoroughly, preferably with a compressed air device; however, any form of thorough mixing is adequate. Re-stir vat contents prior to each use. During the dipping operation, each time the dip's volume is reduced by  $\frac{1}{8}$  to  $\frac{1}{4}$  of its initial volume, replenish with water and add the drug at a rate of 1 gallon for each 50 or 200 gallons water added—depending on dilution rate 1:60 or 1:240. Also add super phosphate as necessary to maintain pH between 4.5 and 6.5. Stir well and resume dipping. Repeat replenishment process as necessary. For evaporation, add additional water accordingly. For added water due to rainfall, merely replenish dip with the product according to directions. If overflow occurs, either